Alcohol concentration meter temperature conversion table

The instructions on the temperature and the concentration of alcohol conversion table

A, with alcohol meter measured alcohol concentration only under the standard temperature (20 ℃) is the actual concentration of alcohol. But in the practical work of the temperature of the alcohol can't both be standard temperature20℃ ,so you need to not under the normal temperature measured in the alcohol concentration degree is obtained by the conversion to the standard temperature the actual concentration of alcohol.And that is why we write conversion table.

Second, the data of temperature application range of 0 ~ + 40 ℃

Method of use:

1. the first to predict the amount of alcohol in the glass cylinder as well (measuring cylinder capacity of not less then 300 ml) alcohol should not have dirt or muddy phenomenon:

2, thermometer rub-up, erected in a glass cylinder (alcohol temperature should be within the range of 0 ~ 40 ℃ or should be heating or cooling) , and then in 30 ~ 60 alcohol meter rub-up slowly sank to the glass cylinder, then there will be three of the following:

1) level in dividing scale range,which can prepare readings.

2) the liquid level is lower than dividing scale or alcohol meter skew, at this time shoule also remove alcohol meter change 0~30 specifications;

3) level is higher than dividing scale or alcohol meter sink, then should also remove alcohol meter replacement of 60 ~ 100 specifications;

3、reading When the liquid level within the scope of the dividing scale let stand 5 minutes reading, reading position is where liquid level tangent to the dividing scale (according to the lower edge read) write down alcohol meter value, read the thermometer values at the same time.

4、Look-up table of alcohol on the lateral of conversion table lookup record meter value,look for a thermometer in the conversion table of longitudinal value,both to after,then look at alcohol meter in value from the top down, thermometer from left to right to check,the value for both numerical intersect is to measure the actual concentration of alcohol.

Example: inside the glass tube with alcohol meter measured alcohol concentration is 61 degrees, use the alcohol thermometer measured temperature 18 ℃ look-up table for the actual concentration of 61.7 degrees of alcohol.

Thermometer thermometer	Alcoholmeter							
	0	1	2	3	4	5	6	7
	When the temperature is at +20, theconcentration of alcohol							
0	0.8	1.8	2.8	3.9	4.9	6.0	7.2	8.4
1	0.8	1.8	2.9	3.9	5.0	6.1	7.2	8.4
2	0.8	1.9	2.9	4.0	5.0	6.1	7.2	8.4
3	0.9	1.9	3.0	4.0	5.0	6.2	7.3	8.4
4	0.9	1.9	3.0	4.0	5.1	6.2	7.3	8.4
5	0.9	2.0	3.0	4.0	5.1	6.2	7.3	8.4
6	0.9	2.0	3.0	4.0	5.1	6.2	7.3	8.4
7	0.9	1.9	3.0	4.0	5.1	6.1	7.2	8.4
8	0.9	1.9	2.9	4.0	5.0	6.1	7.2	8.3
9	0.9	1.9	2.9	4.0	5.0	6.0	7.1	8.2
10	0.8	1.8	2.9	3.9	5.0	6.0	7.1	8.2
11	0.8	1.8	2.8	3.9	4.9	6.0	7.0	8.1
12	0.7	1.7	2.8	3.8	4.8	5.9	6.9	8.0
13	0.7	1.7	2.7	3.7	4.8	5.8	6.8	7.9
14	0.6	1.6	2.6	3.6	4.7	5.7	6.7	7.8
15	0.5	1.5	2.5	3.5	4.6	5.6	6.6	7.7
16	0.4	1.4	2.4	3.4	4.5	5.5	6.5	7.6
17	0.3	1.3	2.3	3.3	4.4	5.4	6.4	7.4
18	0.2	1.2	2.2	3.2	4.2	5.3	6.3	7.3
19	0.1	1.1	2.1	3.1	4.1	5.1	6.1	7.2
20	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
21		0.9	1.9	2.9	3.9	4.8	5.8	6.8
22		0.7	1.7	2.7	3.7	4.7	5.7	6.7
23		0.6	1.6	2.6	3.6	4.6	5.5	6.5
24		0.4	1.4	2.4	3.4	4.4	5.4	6.3
25		0.3	1.3	2.3	3.2	4.2	5.2	6.2
26		0.1	1.1	2.1	3.1	4.0	5.0	6.0
27			1.0	1.9	2.9	3.9	4.8	5.8
28			0.8	1.8	2.7	3.7	4.6	5.6
29			0.6	1.6	2.5	3.5	4.4	5.4
30			0.4	1.4	2.4	3.3	4.2	5.2
31			0.2	1.2	2.2	3.1	4.0	5.0
32			0.1	1.1	2.1	3.0	3.8	4.8
33				0.9	1.9	2.8	3.7	4.7
34				0.8	1.8	2.6	3.5	4.5
35				0.6	1.6	2.4	3.3	4.3
36				0.4	1.4	2.3	3.1	4.1
37				0.3	1.3	2.1	2.9	3.9
38				0.1	1.1	1.9	2.8	3.8
39					1.0	1.8	2.6	3.6
40					0.8	1.6	2.4	3.4

Thermometer thermometer	Alcoholmeter							
	8	9	10	11	12	13	14	15
	When the temperature is at +20, the concentration of alcohol							
0	9.6	10.8	12.0	13.3	14.6	16.0	17.5	19.0
1	9.6	10.8	12.0	13.3	14.6	15.9	17.3	18.8
2	9.6	10.8	12.0	13.2	14.5	15.9	17.2	18.6
3	9.6	10.8	12.0	13.3	14.5	15.8	17.1	18.5
4	9.6	10.7	11.9	13.1	14.4	15.7	17.0	18.3
5	9.6	10.7	11.8	13.0	14.3	15.6	16.8	18.2
6	9.5	10.6	11.8	13.0	14.2	15.4	16.7	18.0
7	9.5	10.6	11.7	12.9	14.1	15.3	16.5	17.8
8	9.4	10.5	11.6	12.8	14.0	15.2	16.4	17.6
9	9.3	10.4	11.5	12.7	13.8	15.0	16.2	17.4
10	9.3	10.3	11.4	12.6	13.7	14.9	16.0	17.2
11	9.2	10.2	11.3	12.4	13.6	14.7	15.8	17.0
12	9.1	10.1	11.2	12.3	13.4	14.5	15.7	16.8
13	9.0	10.0	11.1	12.2	13.2	14.4	15.5	16.6
14	8.9	9.9	11.0	12.0	13.1	14.2	15.3	16.4
15	8.8	9.8	10.8	11.9	12.9	13.0	15.1	16.2
16	8.6	9.6	10.7	11.7	12.8	13.8	14.9	15.9
17	8.5	9.5	10.5	11.5	12.6	13.6	14.7	15.7
18	8.3	9.3	10.4	11.4	12.4	13.4	14.4	15.5
19	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2
20	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0
21	7.8	8.8	9.8	10.8	11.8	12.8	13.8	14.8
22	7.7	8.6	9.6	10.6	11.6	12.6	13.6	14.5
23	7.5	8.4	9.4	10.4	11.4	12.3	13.3	14.3
24	7.3	8.3	9.2	10.2	11.2	12.1	13.1	14.0
25	7.1	8.1	9.0	10.0	10.9	11.9	12.8	13.8
26	6.9	7.9	8.8	9.8	10.7	11.7	12.6	13.5
27	6.7	7.7	8.6	9.5	10.5	11.4	12.3	13.2
28	6.5	7.5	8.4	9.3	10.3	11.2	12.1	13.0
29	6.3	7.2	8.2	9.1	10.0	10.9	11.8	12.7
30	6.1	7.0	7.9	8.9	9.8	10.7	11.6	12.5
31	5.9	6.8	7.7	8.7	9.6	10.5	11.4	12.2
32	5.7	6.6	7.5	8.5	9.4	10.2	11.0	12.0
33	5.5	6.4	7.3	8.3	9.1	10.0	10.9	11.8
34	5.3	6.2	7.1	8.1	8.9	9.8	10.6	11.5
35	5.2	6.0	6.8	7.9	8.7	9.6	10.4	11.2
36	5.0	5.8	6.6	7.6	8.5	9.3	10.2	11.0
37	4.8	5.6	6.4	7.4	8.3	9.1	9.9	10.8
38	4.6	5.4	6.2	7.2	8.0	8.9	9.7	10.5
39	4.4	5.2	6.0	7.0	7.8	8.6	9.4	10.2
40	4.2	5.0	5.8	6.8	7.6	8.4	9.2	10.0

Thermometer thermometer	Alcoholmeter							
	16	17	18	19	20	21	22	23
	When the temperature is at +20, theconcentration of alcohol							
0	20.5	22.0	23.6	25.1	26.5	27.9	29.2	30.6
1	20.3	21.8	23.3	24.7	26.1	27.5	28.8	30.1
2	20.1	21.7	23.0	24.4	25.8	27.1	28.4	29.7
3	19.9	21.4	22.7	24.1	25.4	26.8	28.0	29.3
4	19.7	21.1	22.5	23.8	25.1	26.4	27.6	28.9
5	19.5	20.9	22.2	23.4	24.7	26.0	27.2	28.5
6	19.3	20.6	21.9	23.2	24.4	25.6	26.9	28.1
7	19.1	20.4	21.6	22.8	24.1	25.3	26.5	27.7
8	18.9	20.1	21.3	22.6	23.8	24.9	26.1	27.3
9	18.6	19.9	21.1	22.3	23.4	24.6	25.8	26.9
10	18.4	19.6	20.8	22.0	23.1	24.3	25.4	26.6
11	18.2	19.3	20.5	21.7	22.3	23.9	25.0	26.2
12	18.0	19.1	20.2	21.4	22.5	23.6	24.7	25.8
13	17.7	18.8	20.0	21.1	22.2	23.3	24.4	25.4
14	17.5	18.6	19.7	20.8	21.9	23.0	24.0	25.1
15	17.2	18.3	19.4	20.5	21.6	22.6	23.7	24.7
16	17.0	18.1	19.2	20.2	21.2	22.3	23.3	24.4
17	16.8	17.8	18.9	19.9	20.9	22.0	23.0	24.0
18	16.5	17.6	18.6	19.6	20.6	21.6	22.6	23.7
19	16.3	17.3	18.3	19.3	20.3	21.3	22.3	23.3
20	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0
21	15.7	16.7	17.7	18.7	19.7	20.7	21.7	22.6
22	15.5	16.5	17.4	18.4	19.4	20.4	21.3	22.3
23	15.2	16.2	17.1	18.1	19.0	20.0	21.0	22.0
24	15.0	15.9	16.9	17.8	18.7	19.7	20.7	21.6
25	14.7	15.6	16.6	17.5	18.4	19.4	20.3	21.3
26	14.4	15.4	16.3	17.2	18.1	19.0	20.0	20.9
27	14.2	15.1	16.0	16.9	17.8	18.7	19.6	20.6
28	13.8	14.8	15.7	16.6	17.5	18.4	19.3	20.2
29	13.6	14.5	15.4	16.3	17.2	18.0	19.0	19.6
30	13.4	14.2	15.1	16.0	16.8	17.7	18.6	19.6
31	13.1	13.9	14.8	15.7	16.5	17.4	18.3	19.3
32	12.9	13.6	14.5	15.4	16.2	17.0	17.9	18.9
33	12.6	13.4	14.2	15.1	15.8	16.7	17.6	18.6
34	12.4	13.1	13.9	14.8	15.5	16.4	17.2	18.2
35	12.1	12.8	13.6	14.5	15.2	16.0	16.9	17.9
36	11.8	12.5	13.4	14.2	14.9	15.7	16.6	17.6
37	11.6	12.2	13.1	13.9	14.6	15.4	16.2	17.2
38	11.3	12.0	12.8	13.6	14.2	15.1	15.9	16.9
39	11.1	11.7	12.5	13.3	13.9	14.7	15.5	16.5
40	10.8	11.4	12.2	13.0	13.6	14.4	15.2	16.2

Thermometer thermometer	Alcoholmeter							
	24	25	26	27	28	29	30	31
	When the temperature is at +20, theconcentration of alcohol							
0	31.8	33.0	34.2	35.3	36.3	37.3	38.3	39.3
1	31.4	32.6	33.7	34.8	35.9	36.9	37.9	38.9
2	30.9	32.2	33.3	34.4	35.4	36.5	37.5	38.4
3	30.5	31.7	32.9	34.0	35.0	36.0	37.1	38.0
4	30.1	31.3	32.4	33.5	34.6	35.6	36.6	37.6
5	29.7	30.8	32.0	33.1	34.2	35.2	36.2	37.2
6	29.3	30.4	31.6	32.7	33.7	34.8	35.8	36.8
7	28.9	30.0	31.1	32.2	33.3	34.4	35.4	36.4
8	28.5	29.6	30.7	31.8	32.9	33.9	35.0	36.0
9	28.1	29.2	30.3	31.4	32.5	33.5	34.5	35.5
10	27.7	28.8	29.9	31.0	32.0	33.1	34.1	35.1
11	27.3	28.4	29.5	30.6	31.6	32.7	33.7	34.7
12	26.9	28.0	29.1	30.2	31.2	32.2	33.3	34.3
13	26.5	27.6	28.7	29.7	30.8	31.8	32.8	33.9
14	26.2	27.2	28.3	29.3	30.4	31.4	32.4	33.5
15	25.8	26.8	27.9	28.9	30.0	31.0	32.0	33.0
16	25.4	26.5	27.5	28.5	29.6	30.6	31.6	32.6
17	25.1	26.1	27.1	28.1	29.2	30.2	31.2	32.2
18	24.7	25.7	26.7	27.8	28.8	29.8	30.8	31.8
19	24.4	25.4	26.4	27.4	28.4	29.4	30.4	31.4
20	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0
21	23.6	24.6	25.6	26.6	27.6	28.6	29.6	30.6
22	23.3	24.3	25.3	26.2	27.2	28.2	29.2	30.2
23	22.9	23.9	24.9	25.8	26.8	27.8	28.8	29.8
24	22.6	23.5	24.5	25.5	26.4	27.4	28.4	29.4
25	22.2	23.2	24.1	25.1	26.1	27.0	28.0	29.0
26	21.9	22.8	23.8	24.7	25.7	26.7	27.6	28.6
27	21.5	22.5	23.4	24.4	25.3	26.3	27.2	28.2
28	21.2	22.1	23.0	24.0	24.9	25.9	26.8	27.8
29	20.8	21.8	22.7	23.6	24.6	25.5	26.4	27.4
30	20.5	21.4	22.3	23.2	24.2	25.1	26.1	27.0
31	20.2	21.0	21.9	22.8	23.8	24.7	25.7	26.6
32	19.8	20.7	21.6	22.4	23.4	24.3	25.3	26.2
33	19.4	20.3	21.2	22.0	23.1	23.9	24.9	25.8
34	19.	20.0	20.8	21.7	22.7	23.5	24.7	25.4
35	18.8	19.6	20.4	21.3	22.3	23.2	24.2	25.0
36	18.4	19.2	20.1	20.9	21.9	22.8	23.8	24.6
37	18.0	18.9	19.7	20.5	21.5	22.4	23.4	24.2
38	17.7	18.5	19.3	20.2	21.2	22.0	23.0	23.8
39	17.4	18.2	19.0	19.8	20.8	21.6	22.6	23.4
40	17.0	17.8	18.6	19.4	20.4	21.2	22.2	23.0

Thermometer thermometer	Alcohol meter							
	32	33	34	35	36	37	38	39
	When the temperature is at +20, the concentration of alcohol							
0	40.2	41.2	42.1	43.1	44.0	45.0	46.0	46.9
1	39.8	40.8	41.7	42.7	43.7	44.6	45.6	46.5
2	39.4	40.4	41.3	42.3	43.3	44.2	45.2	46.1
3	39.0	40.0	40.9	41.9	42.9	43.8	44.8	45.8
4	38.6	39.6	40.5	41.5	42.5	43.4	44.4	45.4
5	38.2	39.2	40.1	41.1	42.1	43.1	44.0	45.0
6	37.8	38.8	39.7	40.7	41.7	42.6	43.6	44.6
7	37.3	38.3	39.3	40.3	41.3	42.3	43.2	44.2
8	36.9	37.9	38.9	39.9	40.9	41.9	42.8	43.8
9	36.5	37.5	38.5	39.5	40.5	41.5	42.4	43.4
10	36.1	37.1	38.1	39.1	40.1	41.0	42.0	43.0
11	35.7	36.7	37.7	38.7	39.6	40.6	41.6	42.6
12	35.3	36.3	37.3	38.2	39.2	40.2	41.2	42.2
13	34.9	35.9	36.8	37.8	38.8	39.8	40.8	41.8
14	34.4	35.4	36.4	37.4	38.4	39.4	40.4	41.4
15	34.0	35.0	36.0	37.0	38.0	39.0	40.0	41.0
16	33.6	34.6	35.6	36.6	37.6	38.6	39.6	40.6
17	33.2	34.2	35.2	36.2	37.2	38.2	39.2	40.2
18	32.8	33.8	34.8	35.8	36.8	37.8	38.8	39.8
19	32.4	33.4	34.4	35.4	36.4	37.4	38.4	39.4
20	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
21	31.6	32.6	33.6	34.6	35.6	36.6	37.6	38.6
22	31.2	32.2	33.2	34.2	35.2	36.2	37.2	38.2
23	30.8	31.8	32.8	33.8	34.8	35.8	36.8	37.8
24	30.4	31.4	32.4	33.4	34.4	35.4	36.4	37.4
25	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0
26	29.6	30.6	31.6	32.6	33.6	34.6	35.6	36.6
27	29.2	30.2	31.2	32.2	33.2	34.2	35.2	36.2
28	28.8	29.7	30.7	31.7	32.8	33.8	34.8	35.8
29	28.4	29.4	30.3	31.3	32.3	33.4	34.4	35.4
30	28.0	28.9	29.9	30.9	32.0	33.0	34.0	35.0
31	27.6	28.5	29.5	30.5	31.6	32.6	33.6	34.6
32	27.2	28.1	29.1	30.1	31.2	32.2	33.2	34.2
33	26.8	27.7	28.7	29.7	30.8	31.8	32.8	33.8
34	26.4	27.2	28.3	29.3	30.4	31.4	32.4	33.4
35	26.0	26.8	27.8	28.8	30.0	31.0	32.0	33.0
36	25.6	26.4	27.4	28.4	29.6	30.6	31.6	32.6
37	25.2	26.0	27.0	28.0	29.2	30.2	31.2	32.2
38	24.8	25.6	26.6	27.6	28.8	29.8	30.8	31.8
39	24.4	25.2	26.2	27.2	28.4	29.4	30.4	31.4
40	24.0	24.8	25.8	26.8	28.0	29.0	30.0	31.0

Thermometer thermometer	Alcoholmeter							
	40	41	42	43	44	45	46	47
	When the temperature is at +20, the concentration of alcohol							
0	47.8	48.8	49.7	50.7	51.6	52.6	53.5	54.5
1	47.5	48.4	49.4	50.3	51.3	52.2	53.2	54.1
2	47.1	48.0	49.0	50.9	50.9	51.8	52.8	53.8
3	46.7	47.7	48.6	49.6	50.5	51.5	52.4	53.4
4	46.3	47.3	48.2	49.2	50.2	51.1	52.1	53.0
5	46.0	46.9	47.9	48.8	49.8	50.8	51.7	52.7
6	45.6	46.5	47.5	48.4	49.4	50.4	51.3	52.3
7	45.2	46.2	47.1	48.1	49.0	50.0	51.0	51.9
8	44.8	45.8	46.7	47.7	48.6	49.6	50.6	51.6
9	44.4	45.4	46.4	47.3	48.3	49.2	50.2	51.2
10	44.0	45.0	46.0	46.9	47.9	48.9	49.8	50.8
11	43.6	44.6	45.6	46.5	47.5	48.5	49.5	50.4
12	43.2	44.2	45.2	46.1	47.1	48.1	49.1	50.1
13	42.8	43.8	44.9	45.8	46.7	47.7	48.7	49.7
14	42.4	43.4	44.4	45.4	46.4	47.3	48.3	49.3
15	42.0	43.0	44.0	45.0	46.0	47.0	47.9	48.9
16	41.6	42.6	43.6	44.6	45.6	46.6	47.6	48.6
17	41.2	42.2	43.2	44.2	45.2	46.2	47.2	48.2
18	40.8	41.8	42.8	43.8	44.8	45.8	46.8	47.8
19	40.4	41.4	42.4	43.4	44.4	45.4	46.4	47.4
20	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0
21	39.6	40.6	41.6	42.6	43.6	44.6	45.6	46.6
22	39.2	40.2	41.2	42.2	43.2	44.2	45.2	46.2
23	38.8	39.8	40.8	41.8	42.8	43.8	44.8	45.8
24	38.4	39.4	40.4	41.4	42.4	43.4	44.4	45.4
25	38.0	39.0	40.4	41.0	42.0	43.0	44.1	45.1
26	37.6	38.6	39.6	40.6	41.6	42.7	43.7	44.7
27	37.2	38.2	39.2	40.2	41.2	42.3	43.3	44.3
28	36.8	37.8	38.8	39.8	40.8	41.9	42.9	43.9
29	36.4	37.4	38.4	39.4	40.4	41.5	42.5	43.5
30	36.0	37.0	38.0	39.0	40.1	41.1	42.1	43.1
31	35.6	36.6	37.6	38.6	39.7	40.7	41.7	42.7
32	35.2	36.2	37.2	38.2	39.3	40.3	41.2	42.3
33	34.8	35.8	36.8	37.8	38.9	39.9	40.9	41.9
34	34.4	35.4	36.4	37.4	38.5	39.0	40.5	41.5
35	34.0	35.0	36.0	37.0	38.1	39.0	40.2	41.2
36	33.6	34.6	35.6	36.6	37.7	38.6	39.8	40.8
37	33.2	34.2	35.2	36.2	37.3	38.2	39.4	40.4
38	32.8	33.8	34.8	35.8	36.9	37.8	39.0	40.0
39	32.4	33.4	34.4	35.4	36.5	37.4	38.6	39.6
40	32.0	33.0	34.0	35.0	36.1	37.0	38.2	39.2

Thermometer thermometer	Alcoholmeter							
	48	49	50	51	52	53	54	55
	When the temperature is at +20, theconcentration of alcohol							
0	55.4	56.4	57.3	58.2	59.2	60.1	61.1	62.0
1	55.0	56.0	57.0	57.9	58.8	59.8	60.7	61.7
2	54.7	55.6	56.6	57.5	58.5	59.4	60.4	61.4
3	54.3	55.3	56.2	57.2	58.2	59.1	60.1	61.0
4	54.0	54.9	55.9	56.8	57.8	58.8	59.7	60.7
5	53.6	54.6	55.5	56.5	57.4	58.4	59.4	60.3
6	53.2	54.2	55.2	56.1	57.1	58.1	59.0	60.0
7	52.9	53.9	54.8	55.8	56.8	57.7	58.7	59.6
8	52.5	53.5	54.5	55.4	56.4	57.4	58.3	59.3
9	52.2	53.1	54.1	55.1	56.0	57.0	58.0	58.9
10	51.8	52.8	53.7	54.7	55.7	56.6	57.6	58.6
11	51.4	52.4	53.4	54.3	55.3	56.3	57.2	58.2
12	51.0	52.0	53.0	54.0	55.0	55.9	56.9	57.9
13	50.7	51.6	52.6	53.6	54.6	55.6	56.5	57.5
14	50.3	51.3	52.2	53.2	54.2	55.2	56.2	57.2
15	49.9	50.9	51.9	52.9	53.9	54.8	55.8	56.8
16	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.4
17	49.2	50.1	51.1	52.1	53.1	54.1	55.1	56.1
18	48.8	49.8	50.7	51.7	52.7	53.7	54.7	55.7
19	48.4	49.4	50.4	51.4	52.4	53.4	54.4	55.4
20	48.0	49.0	50.0	51.0	52.0	53.0	54.0	55.0
21	47.6	48.6	49.6	50.6	51.6	52.6	53.6	54.6
22	47.2	48.2	49.2	50.2	51.2	52.2	53.3	54.3
23	46.8	47.8	48.9	49.9	50.9	51.9	52.9	53.9
24	46.4	47.5	48.5	49.5	50.5	51.5	52.5	53.5
25	46.1	47.1	48.1	49.1	50.1	51.1	52.2	53.2
26	45.7	46.7	47.7	48.7	49.7	50.8	51.8	52.8
27	45.3	46.3	47.3	48.3	49.4	50.4	51.4	52.4
28	44.9	45.9	47.0	48.0	49.0	50.0	51.0	52.1
29	44.5	45.6	46.6	47.6	48.6	49.6	50.7	51.7
30	44.2	45.2	46.2	47.2	48.2	49.3	50.3	51.3
31	43.8	44.8	45.8	46.8	47.8	48.9	49.9	50.9
32	43.4	44.4	45.4	46.4	47.4	48.5	49.6	50.6
33	43.1	44.1	45.0	46.1	47.1	48.2	49.2	50.2
34	42.7	43.7	44.7	45.7	46.7	47.8	48.8	49.8
35	42.3	43.3	44.3	45.3	46.3	47.4	48.5	49.5
36	41.9	42.9	43.9	44.9	45.9	47.0	48.1	49.1
37	41.5	42.5	43.5	44.5	45.5	46.6	47.7	48.7
38	41.2	42.2	43.1	44.2	45.2	46.3	47.3	48.3
39	40.8	41.8	42.7	43.3	44.8	45.9	47.0	48.0
40	40.4	41.4	42.4	43.4	44.4	45.5	46.6	47.6

Thermometer thermometer	Alcoholmeter							
	56	57	58	59	60	61	62	63
	When the temperature is at +20, the concentration of alcohol							
0	63.0	63.9	64.9	65.8	66.8	67.7	68.7	69.6
1	62.6	63.6	64.6	65.5	66.4	67.4	68.2	69.3
2	62.3	63.3	64.2	65.2	66.1	67.1	68.0	69.0
3	62.0	62.7	63.9	64.8	65.8	66.8	67.7	68.7
4	61.6	62.6	63.6	64.5	65.5	66.4	67.4	68.4
5	61.3	62.3	63.2	64.2	65.1	66.1	67.1	68.0
6	61.0	61.9	62.9	63.8	64.8	65.8	66.7	67.7
7	60.6	61.6	62.5	63.5	64.5	65.4	66.4	67.4
8	60.3	61.2	62.2	63.2	64.1	65.1	66.1	67.0
9	59.9	60.9	61.9	62.8	63.8	64.8	65.7	66.7
10	59.6	60.5	61.5	62.5	63.5	64.4	65.4	66.4
11	59.2	60.2	61.2	62.1	63.1	64.1	65.1	66.0
12	58.9	59.8	60.8	61.8	62.8	63.8	64.7	65.7
13	58.5	59.5	60.5	61.4	62.4	63.4	64.4	65.4
14	58.2	59.1	60.1	61.1	62.1	63.1	64.1	65.0
15	57.8	58.8	59.8	60.8	61.7	62.7	63.7	64.7
16	57.4	58.4	59.4	60.4	61.4	62.4	63.4	64.4
17	57.1	58.1	59.1	60.0	61.0	62.0	63.0	64.0
18	56.7	57.7	58.7	59.7	60.7	61.7	62.7	63.7
19	56.4	57.4	58.4	59.4	60.4	61.3	62.3	63.3
20	56.0	57.0	58.0	59.0	60.0	61.0	62.0	63.0
21	55.6	56.6	57.6	58.6	59.6	60.6	61.6	62.6
22	55.3	56.3	57.3	58.3	59.3	60.3	61.3	62.3
23	54.9	55.9	56.9	57.9	58.9	60.0	61.0	62.0
24	54.5	55.6	56.6	57.6	58.6	59.6	60.6	61.6
25	54.2	55.2	56.2	57.2	58.2	59.2	60.3	61.3
26	53.8	54.8	55.8	56.9	57.9	58.9	59.9	60.9
27	53.4	54.5	55.5	56.5	57.5	58.5	59.6	60.6
28	53.1	54.1	55.1	56.1	57.2	58.2	59.2	60.2
29	52.7	53.7	54.8	55.8	56.8	57.8	58.8	59.9
30	52.3	53.4	54.4	55.4	56.4	57.5	58.5	59.5
31	51.9	53.0	54.0	55.0	56.0	57.2	58.1	59.2
32	51.6	52.7	53.7	54.7	55.7	56.8	57.8	58.8
33	51.1	52.3	53.3	54.3	55.3	56.5	57.4	58.5
34	50.8	51.9	53.0	54.0	55.0	56.1	57.1	58.1
35	50.5	51.6	52.6	53.6	54.6	55.8	56.7	57.8
36	50.1	51.2	52.2	53.2	54.2	55.4	56.4	57.4
37	49.7	50.8	51.9	52.9	53.9	55.1	56.0	57.1
38	49.3	51.4	51.5	52.5	53.5	54.7	55.7	56.9
39	49.0	51.1	51.2	52.2	53.2	54.4	55.3	56.4
40	48.6	49.7	50.9	51.8	52.8	54.0	55.0	56.0

Thermometer thermometer	Alcoholmeter							
	64	65	66	67	68	69	70	71
	When the temperature is at +20, theconcentration of alcohol							
0	70.6	71.5	72.5	73.4	74.4	75.4	76.3	77.2
1	70.3	71.2	72.2	73.1	74.1	75.0	76.0	77.0
2	70.0	70.9	71.9	72.8	73.8	74.7	75.7	76.6
3	69.6	70.6	71.6	72.5	73.5	74.4	75.4	76.4
4	69.3	70.3	71.2	72.2	73.2	74.1	75.1	76.0
5	69.0	70.0	70.9	71.9	72.9	73.8	74.8	75.8
6	68.7	69.6	70.6	71.6	72.5	73.5	74.5	75.4
7	68.4	69.3	70.3	71.3	72.2	73.2	74.2	75.1
8	68.0	69.0	70.0	70.9	71.9	72.9	73.8	74.8
9	67.7	68.7	69.6	70.6	71.6	72.6	73.5	74.5
10	67.4	68.3	69.3	70.3	71.3	72.2	73.2	74.2
11	67.0	68.0	69.0	70.0	71.0	71.9	72.9	73.9
12	66.7	67.7	68.7	69.6	70.6	71.6	72.6	73.6
13	66.4	67.3	68.3	69.3	70.3	71.3	72.3	73.2
14	66.0	67.0	68.0	69.0	70.0	71.0	72.0	72.9
15	65.7	66.7	67.7	68.6	69.6	70.6	71.6	72.6
16	.65.4	66.3	67.4	68.3	69.3	70.3	71.3	72.3
17	65.0	66.0	67.0	68.0	69.0	70.0	71.0	72.0
18	64.7	65.7	66.7	67.7	68.7	69.6	70.6	71.6
19	64.3	65.3	66.3	67.3	68.3	69.3	70.3	71.3
20	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
21	63.6	64.6	65.7	66.7	67.7	68.7	69.7	70.7
22	63.3	64.3	65.3	66.3	67.3	68.3	69.3	70.3
23	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0
24	62.6	63.6	64.6	65.6	66.7	67.7	68.7	69.7
25	62.3	63.3	64.3	65.3	66.3	67.3	68.4	69.4
26	61.9	63.0	64.0	65.0	66.0	67.0	68.0	69.0
27	61.6	62.6	63.6	64.6	65.7	66.7	67.7	68.7
28	61.2	62.3	63.3	64.3	65.3	66.3	67.4	68.4
29	60.9	61.9	62.9	64.0	65.0	66.0	67.0	68.0
30	60.6	61.6	62.6	63.6	64.6	65.7	66.7	67.7
31	60.3	61.3	62.3	63.3	64.3	65.4	66.4	67.4
32	59.9	60.9	61.9	62.9	63.9	65.0	66.0	67.0
33	59.6	60.6	61.6	62.6	63.6	64.6	65.7	66.7
34	59.2	60.2	61.2	62.2	63.2	64.3	65.3	66.3
35	58.9	59.9	60.9	61.9	62.9	64.0	65.0	66.0
36	58.5	59.5	60.5	61.5	62.5	63.6	64.7	65.7
37	58.2	59.2	60.2	61.2	62.2	63.2	64.3	65.3
38	57.8	58.8	59.8	60.8	61.8	62.9	64.0	65.0
39	57.5	58.5	59.5	60.5	61.5	62.6	63.6	64.6
40	57.1	58.1	59.1	60.1	61.1	62.2	63.3	64.3

Thermometer thermometer	Alcoholmeter							
	72	73	74	75	76	77	78	79
	When the temperature is at +20, the concentration of alcohol							
0	78.2	79.1	80.1	81.0	82.0	82.9	83.8	84.8
1	77.9	78.8	79.8	80.7	82.7	82.6	83.6	84.5
2	77.6	78.6	79.5	80.4	81.4	82.3	83.3	84.2
3	77.3	78.3	79.2	80.2	81.1	82.1	83.0	84.0
4	77.0	78.0	78.9	79.9	80.8	81.8	82.7	83.7
5	76.7	77.7	78.6	79.6	80.5	81.5	82.4	83.4
6	76.4	77.4	78.3	79.3	80.2	812	82.2	83.1
7	76.1	77.1	78.0	79.0	80.0	80.9	81.9	82.8
8	75.8	76.8	77.7	78.7	79.7	80.6	81.6	82.6
9	75.5	76.5	77.4	78.4	79.4	80.3	81.3	82.3
10	75.2	76.2	77.1	78.1	79.1	80.0	81.0	82.0
11	74.9	75.8	76.8	77.8	78.8	79.7	80.7	81.7
12	74.5	75.5	76.5	77.5	78.5	79.4	80.4	81.4
13	74.2	75.2	76.2	77.2	78.2	79.1	80.1	81.1
14	73.9	74.9	75.9	76.9	77.9	78.8	79.8	80.8
15	73.6	74.6	75.6	76.6	77.6	78.5	79.5	80.5
16	73.3	74.3	75.3	76.2	77.2	78.2	79.2	80.2
17	73.0	74.0	74.9	75.9	76.9	77.9	78.9	79.9
18	72.6	73.6	74.6	75.6	76.6	77.6	78.6	79.6
19	72.3	73.3	74.3	75.3	76.3	77.3	78.3	73.3
20	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
21	71.7	72.7	73.7	74.7	75.7	76.7	77.7	78.7
22	71.4	72.4	73.4	74.4	75.4	76.4	77.4	78.4
23	71.0	72.0	73.0	74.1	75.1	76.1	77.1	78.1
24	70.7	71.7	72.7	73.7	74.7	75.8	76.8	77.8
25	70.4	71.4	72.4	73.4	74.4	75.4	76.4	77.5
26	70.0	71.1	72.1	73.1	74.1	75.1	76.1	77.2
27	69.7	70.7	71.8	72.8	73.8	74.8	75.8	76.8
28	69.4	70.4	71.4	72.4	73.5	74.5	75.5	76.5
29	69.1	70.1	71.1	72.1	73.2	74.2	75.5	76.2
30	68.7	69.8	70.8	71.8	72.8	73.8	74.9	75.9
31	68.4	69.5	70.5	71.5	72.5	73.5	74.6	75.6
32	68.0	69.1	70.1	71.2	72.1	73.2	74.2	75.3
33	67.7	68.8	69.8	70.8	71.8	72.8	73.9	75.0
34	67.4	68.4	69.5	70.5	71.5	72.5	73.6	74.7
35	67.0	68.1	69.1	70.2	71.2	72.2	73.2	74.3
36	66.7	67.8	68.8	69.9	70.8	71.9	72.9	74.0
37	66.4	67.4	68.5	69.6	70.5	71.6	72.6	73.7
38	66.0	67.1	68.1	69.2	70.2	71.2	72.3	73.4
39	65.7	66.7	67.8	68.9	69.8	70.9	71.9	73.1
40	65.4	66.4	67.5	68.6	69.5	70.6	71.6	72.8

Thermometer thermometer	Alcoholmeter							
	80	81	82	83	84	85	86	87
	When the temperature is at +20, theconcentration of alcohol							
0	85.7	86.6	87.5	88.4	89.4	90.2	91.2	92.0
1	85.4	86.4	87.3	88.2	89.1	90.0	91.0	91.8
2	85.2	86.1	87.0	87.9	88.8	89.8	90.7	91.6
3	84.9	85.8	86.8	87.7	88.6	89.5	90.4	91.3
4	84.6	85.4	86.5	87.4	88.4	89.3	90.2	91.1
5	84.3	85.3	86.2	87.2	88.1	89.0	90.0	90.9
6	84.1	85.0	86.0	86.9	87.8	88.8	89.7	90.6
7	83.8	84.8	85.7	86.6	87.6	88.5	89.5	90.4
8	83.5	84.5	85.4	86.4	87.3	88.3	89.2	90.1
9	83.2	84.2	85.2	86.1	87.0	88.0	89.0	89.9
10	83.0	83.0	84.9	85.8	86.8	87.7	88.7	89.6
11	82.7	83.6	84.6	85.6	86.5	87.5	88.4	89.4
12	82.4	83.3	84.3	85.3	86.2	87.2	88.2	89.1
13	82.1	83.1	84.0	85.0	86.0	86.9	87.9	88.9
14	81.8	82.8	83.7	84.7	85.7	86.7	87.6	88.6
15	81.5	82.5	83.4	84.4	85.4	86.4	87.4	88.3
16	81.2	82.2	83.2	84.2	85.1	86.1	87.1	88.1
17	80.9	81.8	82.9	83.9	84.8	85.8	86.8	87.8
18	80.6	81.6	82.6	83.6	84.6	85.6	86.5	87.5
19	80.3	81.3	82.3	83.3	84.3	85.3	86.3	87.3
20	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0
21	79.9	80.7	81.7	82.7	83.7	84.7	85.7	86.7
22	79.4	80.4	81.4	82.4	83.4	84.4	85.4	86.4
23	79.1	80.1	81.1	82.1	83.1	84.1	85.1	86.2
24	78.8	79.8	80.8	81.8	82.8	83.8	84.9	85.9
25	78.5	79.5	80.5	81.5	82.5	83.6	84.6	85.6
26	78.2	79.2	80.2	81.2	82.2	83.3	84.3	85.3
27	77.9	78.9	79.9	80.9	81.9	83.0	84.0	85.0
28	77.6	78.6	79.6	80.6	81.6	82.7	83.7	84.7
29	77.2	78.3	79.3	80.3	81.3	82.4	83.4	84.4
30	76.9	78.0	79.0	80.0	81.0	82.1	83.1	84.2
31	76.6	77.7	78.7	79.7	80.7	81.8	82.8	83.9
32	76.3	77.4	78.4	79.4	80.4	81.5	82.5	83.6
33	76.0	77.1	78.1	79.1	80.1	81.2	82.2	83.3
34	75.7	76.8	77.8	78.8	79.8	80.9	81.9	83.0
35	75.4	76.5	77.4	78.4	79.5	80.6	81.6	82.8
36	75.0	76.2	77.1	78.1	79.2	80.3	81.3	82.5
37	74.7	75.9	76.8	77.8	78.9	80.0	81.0	82.2
38	74.4	75.6	76.5	77.5	78.6	79.7	80.7	81.9
39	74.1	75.3	76.2	77.2	78.3	79.4	80.4	81.6
40	73.8	75.0	75.9	76.9	78.0	79.1	80.0	81.3

Thermometer thermometer	Alcoholmeter							
	88	89	90	91	92	93	94	95
	When the temperature is at +20, theconcentration of alcohol							
0	92.9	93.8	94.7	95.5	96.4	97.2	98.1	98.9
1	92.7	93.6	94.5	95.3	96.2	97.0	97.9	98.7
2	92.5	93.4	94.3	95.1	96.0	96.9	97.7	98.5
3	92.2	93.2	94.1	94.9	95.8	96.7	97.5	98.4
4	92.0	92.9	93.8	94.7	95.6	96.5	97.3	98.2
5	91.8	92.7	93.6	94.5	95.4	96.3	97.1	98.0
6	91.6	92.5	93.4	94.3	95.2	96.1	97.0	97.8
7	91.3	92.2	93.2	94.1	95.0	95.9	96.8	97.6
8	91.1	92.0	92.9	93.9	94.8	95.7	96.6	97.5
9	90.8	91.8	92.7	93.6	94.5	95.5	96.4	97.3
10	90.6	91.5	92.5	93.4	94.3	95.2	96.2	97.1
11	90.3	91.3	92.2	93.2	94.1	95.0	96.0	96.9
12	90.1	91.0	92.0	92.9	93.9	94.8	95.7	96.7
13	89.8	90.8	91.7	92.7	93.6	94.6	95.5	96.5
14	89.6	90.5	91.5	92.5	93.4	94.4	95.3	96.3
15	89.3	90.3	91.3	92.2	93.2	94.2	95.1	96.1
16	89.0	90.0	91.0	92.0	93.0	93.9	94.9	95.9
17	88.8	89.8	90.8	91.7	92.7	93.7	94.7	95.6
18	88.5	89.5	90.5	91.5	92.5	93.5	94.4	95.4
19	88.3	89.3	90.3	91.2	92.2	93.2	94.2	95.2
20	88.0	89.0	90.0	91.0	92.0	93.0	94.0	95.0
21	87.7	88.7	89.7	90.7	91.8	92.8	93.8	94.8
22	87.4	88.5	89.5	90.5	91.5	92.5	93.5	94.6
23	87.2	88.2	89.2	90.2	91.3	92.3	93.3	94.3
24	86.9	87.9	89.0	90.0	91.0	92.0	93.1	94.1
25	86.6	87.7	88.7	89.7	90.7	91.8	92.8	93.9
26	86.3	87.4	88.4	89.4	90.5	91.5	92.6	93.6
27	86.1	87.1	88.1	89.2	90.2	91.3	92.3	93.4
28	85.8	86.8	87.9	88.9	90.0	91.0	92.1	93.1
29	85.5	86.5	87.6	88.6	89.7	90.8	91.8	92.9
30	85.2	86.3	87.3	88.4	89.4	90.5	91.6	92.7
31	84.9	86.0	87.0	88.1	89.1	90.2	91.4	92.5
32	84.6	85.7	86.7	87.9	88.9	90.0	91.1	92.2
33	84.3	85.4	86.5	87.6	88.6	89.8	90.9	92.0
34	84.0	85.1	86.2	87.4	88.4	89.5	90.6	92.8
35	83.8	84.8	88.9	87.1	88.1	89.2	90.4	92.6
36	83.5	84.6	85.6	86.6	87.8	89.0	90.2	92.3
37	83.2	84.3	85.3	86.6	87.6	88.8	89.9	92.1
38	82.9	84.0	85.1	86.3	87.3	88.5	89.7	90.9
39	82.6	83.7	84.8	86.1	87.1	88.2	89.4	90.6
40	82.3	83.4	84.5	85.8	86.8	88.0	89.2	90.4

Thermometer thermometer	Alcoholmeter							
	96	97	98	99	100			
	When the temperature is at +20, theconcentration of alcohol							
0	99.7							
1	99.5							
2	99.4							
3	99.2	100.0						
4	99.0	99.8						
5	98.9	99.7						
6	98.7	99.5						
7	98.5	99.4						
8	98.3	99.2						
9	98.2	99.0	99.9					
10	98.0	98.9	99.7					
11	97.8	98.7	99.6	100.0				
12	97.6	98.5	99.4					
13	97.4	98.3	99.2					
14	97.2	98.1	99.1					
15	97.0	98.0	98.9	99.8				
16	96.8	97.8	98.7	99.7				
17	96.6	97.6	98.6	99.5				
18	96.4	97.4	98.4	99.3				
19	96.2	97.2	98.2	99.2				
20	96.0	97.0	98.0	99.0	100.0			
21	95.8	96.8	97.8	98.8	99.8			
22	95.6	96.6	97.6	98.6	99.7			
23	95.4	96.4	97.4	98.5	99.5			
24	95.1	96.2	97.2	98.3	99.3			
25	94.9	96.0	97.0	98.1	99.2			
26	94.7	95.8	96.8	97.9	99.0			
27	94.5	95.5	96.6	97.7	98.8			
28	94.2	95.3	96.4	97.5	98.6			
29	94.0	95.1	96.2	97.3	98.4			
30	93.8	94.8	96.0	97.1	98.3			
31	93.6	94.6	95.8	96.9	98.1			
32	93.4	94.4	95.6	96.7	98.0			
33	93.1	94.1	95.4	96.5	97.8			
34	92.9	93.9	95.2	96.3	97.6			
35	92.7	93.7	95.0	96.2	97.4			
36	92.5	93.5	94.8	96.0	97.3			
37	92.3	93.3	94.6	95.8	97.1			
38	92.0	93.0	94.4	95.6	96.9			
39	91.8	92.8	94.2	95.4	96.8			
40	91.6	92.6	94.0	95.2	96.6			